Deluxe Multimedia Platform with Intel chipset

Glamor xpc Barebone

SG33G6 Deluxe

The Glamor Series Shuttle XPC Barebone SG33G6 Deluxe with Intel G33 chipset delivers an unprecedented performing integrated graphics solution with dual monitor support and advanced HDMI output. Experience state-of-the-art sound quality provided by Dolby® Digital Live and DTS Connect functionality. The stylish looking G6 chassis also integrates Deluxe highlight such as Bluetooth, WLAN, USB SpeedLink and fingerprint reader.

Feature Highlight

G6 chassis	• Black G6 chassis made of aluminum • Bays: 1x 5.25“, 2x 3.5“
Special Deluxe Features	• Fingerprint Sensor • Speed-Link (USB network) • Wireless LAN 802.11b/g (54 Mbit/s) • Bluetooth 2.0 Dongle
Chipset and Graphics	• Intel G33 Express + ICH9DH • Intel GMA 3100 GPU, 384MB UMA • HDMI/VGA, supports Dual Monitor Operating
CPU	• Socket 775, Shuttle I.C.E. Heatpipe-cooling • Core 2 Duo E6xxx / E4xxx, Pentium Dual-Core 2xxx and Celeron 4xx • Supports 1333, 1066 and 800MHz FSB
Slots	• 1x PCI-Express (x16) • 1x PCI (32 Bit)
Memory	• Supports 2x DDR2-667/800 DDR2-1066 in overclocking mode* • Supports up to a total size of 4 GB
Drive connectors	• 3x SATA (internal), 2x eSATA (external) • 1x IDE ATA 100, 1x floppy
Other connectors	• 7.1 Audio, Dolby Digital Live! / DTS Connect • 2x Firewire, GigaBit LAN • USB 2.0 (2x front, 4x rear, 4x onb.)
Power supply	• Efficient 300 Watt SilentX PSU
Application	• Home

Prduct ID: SG33G6 Deluxe
Order No: PC-SG33G6
UPC (see bar code)

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Shuttle XPC Barebone SG33G6 Deluxe – Special Product Features

The Shuttle XPC Glamor series is the keyword in artistic design from Shuttle.

There are different chassis designs to choose from. No matter whether it's for use in the home or the office, for high adrenaline or laid back users, there is a Shuttle XPC in the Glamor series to suit every taste. In addition to the newly designed front stripe, the front panel and cover of the G6 chassis are completely made of aluminium. This way, the brand new G6 chassis is added a very elegant touch making it popular among many users.

Supports 1333 MHz FSB and new upcoming 45nm processors

This Shuttle product supports the Intel® Core™2 Duo and Intel® Core™2 Quad processors with up to 1333 MHz front side bus and even the new upcoming 45nm Core™2 Multi-core processors. Multi core brings multi power!

Speed-Link and eSATA

File sharing among two PCs has never been easier with the innovative Speed-Link technology: simply connect both systems through an ordinary USB cable! The External SATA interface provides up to 6 times faster access to external storage solutions than USB 2.0 or Firewire.

Fingerprint reader

With an added a layer of security protection thru the integrated biometric fingerprint reader, you can keep your digital identity and data more secure and no longer worry about having to memorize for memorizing multiple passwords.

WLAN and Bluetooth

The built-in Bluetooth 2.0 Dongle connects the Shuttle XPC with surrounding Bluetooth-capable peripherals. The integrated 802.11 b+g WLAN antenna make the Shuttle XPC ready for a wireless connectivity to Internet or to other home PCs.

Dual View Technology with HDMI and VGA

Dual View technology offers multiple display support on up to two separate monitors. This improves the capabilities and productivity of the user by allowing them to spread multiple windows over two monitors and view them simultaneously. The integrated Intel graphics processor delivers best-in-class 3D performance and leading graphics compatibility to play top games the way they are meant to be played.

DOLBY DIGITAL LIVE

dts Digital Entertainment

Finest cinematic surround sound experience

What would a home theater be without booming, immersive 7.1 channel surround sound? Experience state-of-the-art sound quality provided by Dolby® Digital Live and DTS® Connect functionality.

New Era of All-Solid Capacitor Shuttle Mainboards

By using all-solid capacitors Shuttle mainboards provide industry leading stability, reliability and longevity for PC gaming and entertainment systems. The average lifespan for a solid capacitor is more than six times greater than the more common and less expensive electrolytic capacitors.

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Shuttle XPC Barebone SG33G6 Deluxe Specifications

Deluxe Features	Fingerprint recognition technology Speed-Link - easily connect 2 PCs via USB and share data Wireless LAN 802.11b/g, up to 54 Mbit/s data transfer rate Bluetooth 2.0 dongle
Chassis	G6-type aluminum chassis (optional G2/G5), black color The front panel features a extraordinary stylish strap. storage bays: 1 x 5.25", 2 x 3.5" (1 internal) dimensions: 31 x 20 x 18.5 cm (LWH), weight: 3.3 kg net / 4.6 kg gross
Mainboard	Shuttle FG33, Shuttle form factor, Dimensions: 25.4 x 18.5 cm proprietary mainboard design for Shuttle XPC Barebone SG33G5 Chipset: Intel G33 Express (Bearlake-G) + ICH9DH Solid Capacitors for excellent heat resistance for enhanced system durability Color slots/connectors design (Power switch, USB, PCIe, PCI)
Power Supply	SilentX 300 Watt mini power supply unit Input voltage range: 100~240V Connectors: 20-pin ATX, 4-pin ATX12V Dimensions: 190 (L) x 82 (W) x 43 (H) mm EMI certified: FCC, CE, CCC Safety certified: TÜV, UL, CB, CCC, CSA, NEMKO Active PFC (Power Factor Correction)
Processor Support	Socket 775 supports Single/Dual/Quad Core processors from Intel with Core technology (65nm) and 800, 1066 or 1333MHz front side bus: Core 2 Quad Q6xxx, Core 2 Duo E6xxx / E4xxx, Pentium Dual-Core 2xxx and Celeron D 4xx series. Designed for the upcoming Intel 45nm Core 2 multi-core processors. Supports Pentium 4/D processors at 800MHz FSB. Processors with 533MHz FSB are not supported. Please refer the support list for detailed processor support information.
*Over-clocking *)*	Overclocking settings: CPU frequency, CPU voltage, RAM frequency, RAM voltage Dynamic Overclock feature: Easily overclock from 3/5/7/10/15/20% through the BIOS.Processor cooling
Processor Cooling	Shuttle I.C.E. 2 (Integrated Cooling Engine) advanced I.C.E. 2 Heatpipe technology, linear controlled 92mm fan SilentX cooling and noise reduction technology with Active Airflow

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Memory Support	2x 240 pin slots, supports Dual Channel supports DDR2-667/800 SDRAM memory (up to DDR2-1066 in overclocking mode*) up to a total size of 4 GB, max. 2 GB per DIMM
Expansion Slots	1x PCI-Express (16X) supports 8 GB/s data transfer 1x PCI (32 bit)
Integrated Graphics	Intel Graphics Media Accelerator 3100 (GMA 3100) Full Windows Vista Aero experience Intel Clear Video Technology Hardware acceleration for MPEG2 and VC1 content DirectX 9.0 support, Shader 2.0 Dynamic Video Memory Technology (DVMT) 3.0 Shared Memory size up to 384MB HDMI connector (High Definition Multimedia Interface) supports HDCP (High-bandwith Digital Content Protection) transmits SPDIF digital audio signals DVI adapter included VGA connector for analog displays Dual monitor operating possible (1x digital over HDMI/DVI plus 1x analog over Sub-D)
8-channel Audio DD/DTS	7.1 channel High Definition Audio, Realtek ALC888DD codec Supports Dolby® Digital Live! and DTS™ Connect (Digital Theater Systems) Analog: line-out (8-ch), line-in, microphone Digital: optical S/PDIF output (digital audio), optional S/PDIF input
Gigabit-LAN Controller	Marvell 88E8056 Ethernet network controller (Gigabit) Supports 100 / 1.000 MBit/s operation Supports Wake-on-LAN (WOL)
Firewire-Controller	Firewire controller VIA VT6308 IEEE1394 OHCI rev 1.0 compliant with 2 Firewire connectors (front and rear) supports 400Mb/s, 200Mb/s, 100Mb/s data transfer rate
Drive connectors	3x Serial-ATA II, 3 Gbit/s (300 MB/s) bandwidth, NCQ support 2x External Serial-ATA, 3 Gbit/s (eSATA) 1x IDE ATA 100 drives 1x floppy disk drive

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Front panel connectors	Microphone Headphone (Line-out) 2x USB 2.0 Firewire (Mini 4 pin connector) Speed-Link button Fingerprint recognition Bluetooth indicator Wireless LAN indicator Power button Power indicator (blue LED) HDD indicator (orange LED)
Back panel connectors	HDMI (DVI adapter included) D-sub VGA (analog) 4x USB 2.0 GigaBit LAN (RJ45) IEEE1394 Firewire (6 pin) 2x External Serial ATA port (eSATA) Optical S/PDIF output (Digital Audio) 8-ch Audio line-out (2x rear/front, bass/center, surround/back) Audio Line-in CMOS button Wireless LAN antenna (PN18) optional parallel port (PC8)
Other connectors	2x fan connectors (4 pin) 4x USB 2.0 (two sets with 2x5 pins)
Accessories	Multi-language user guide, Driver CDROMs (Windows Vista, Windows XP 32/64 bit) including driver for Bluetooth, WLAN and Fingerprint sensor WLAN and Bluetooth installation kit I.C.E. heat-pipe module, Cable for FDD, Serial ATA (1x), Parallel ATA (1x) Power cord, Screws, Heatsink Compound

***) Overclocking Warning**
Please realize that there is a certain risk involved with overclocking, including adjusting the setting in the BIOS or using the third-party overclocking tools. Overclocking may affect your system stability, or even cause damage to the components and devices of your system. It should be done at your own risk and expense. Shuttle is not responsible for possible damage caused by overclocking.

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